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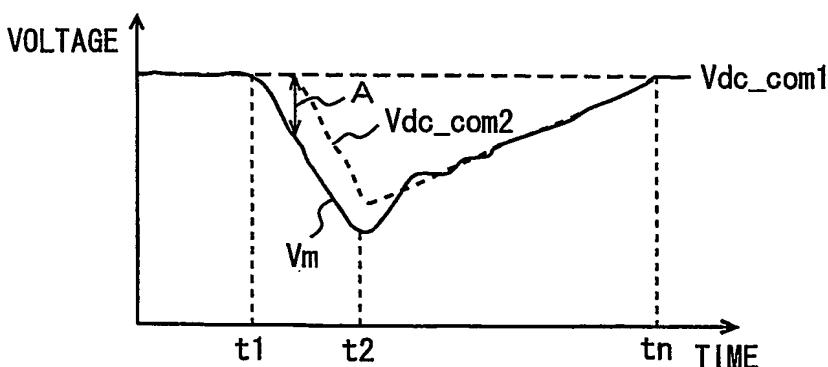
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(54) Title: VOLTAGE CONVERSION DEVICE AND COMPUTER-READABLE RECORDING MEDIUM HAVING PROGRAM RECORDED THEREON FOR COMPUTER TO CONTROL VOLTAGE CONVERSION



(57) Abstract: In a case where the deviation between a target voltage ( $V_{dc\_com1}$ ) and an output voltage ( $V_m$ ) is larger than a specified value ( $A$ ), a voltage command ( $V_{dc\_com2}$ ) of a voltage step-up converter (12) is calculated by adding the specified value ( $A$ ) to the output voltage ( $V_m$ ). When the output voltage ( $V_m$ ) having been decreasing starts to increase, the voltage command ( $V_{dc\_com2}$ ) is calculated in such a manner that the rate of change of the voltage

command ( $V_{dc\_com2}$ ) is equal to or smaller than a standard value. Using the calculated voltage command ( $V_{dc\_com2}$ ), feedback control of the voltage step-up converter is conducted in such a manner that the output voltage ( $V_m$ ) is equal to the target voltage ( $V_{dc\_com1}$ ).

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